



Unit Movement Data and Documentation 612-204-03



Unit Movement Data Defined



- UMD - "A unit equipment / supply listing containing corresponding transportability data."
- "Tailored UMD has been modified to reflect a specific movement requirement."





UMD-General



- UMD - The information of record for planning & executing movement of Army units (AC & RC)
- All units responsible for updating UMD & ensuring data is maintained accurately & reported to FORSCOM
- Supporting Installations & Mobilization Stations support units for UMD update and reporting



Automated Equipment List (AUEL)



- AUEL - Most commonly used UMD report
- Contains detail & summary listing of unit's UMD
 - Detail listing: reflects individual pieces of unit equipment, dimensional characteristics, mode of transportation & square footage
 - Summary listing: information by mode of transportation, tonnage / sqft of equipment reported & total movement requirements



Deployment Equipment List (DEL)



- DEL - An AUDEL tailored to reflect actual equipment
- DEL must be developed to show actual movement requirements





FORSCOM/ARNG Regulation 55,2, Data Reference Tables



- Reference:
FORSCOM/ARNG Reg. 55-2,
Chapter 4, (Fig 4-2 & 4-4)
- Data Reference Tables for Detail & Summary
AUEL reports
- Explains key data elements





FORSCOM/ARNG Reg 55-2 Tables 5-1 to 5-6



- Tables 5-1 to 5-6 (pages 49-54)
 - Provide codes extracted from MILSTAMP manual
 - Codes include: Water Commodity; Type Cargo; Special Handling; Mode to POE; Type Pack, and Type Equipment.
 - Codes used in TB 55-46-1 & AUCL reports



TC-ACCIS



- Transportation Coordinator-Automated Command & Control Information System
- Automated system used by units and installations for updating & maintaining UMD



UMODPC

612-204-03



Computerized Movement Planning and Status System (COMPASS)



- FORSCOM's information system & database
- Provides accurate & timely UMD to DOD, JCS, HQDA, Army installations & units
- Database supports planning & execution
- TC-ACCIS is source of UMD submission into COMPASS



UMD Update & Maintenance Requirements



- FORSCOM requirements dictate that UMD be maintained current & accurate at all times
- Requires UMD to be validated at least annually by all units & updated whenever a *significant change* in transportation requirements occurs



Significant Transportation Requirement Change



- Significant transportation change: Any increase or decrease in unit movement requirements that results in:
 - Addition or subtraction of one or more rail cars, semi-trailers, trucks, passenger conveyances (buses)
 - Requires the allocation of more (or less) aircraft or ship deck space



No Change Reports



- A “No Change” report must be submitted by units with no changes to report for update period
- UMC processes the “No Change” report with other units’ updates

Date: 10/01

TC- ACCIS - Equipment List

PCNFICEURO1

Time: 12:42 PM

AUEL REPORT - UNIT EQUIPMENT LIST

Page: 9

UC:	WFSPAA	TYPE DATA:	D	UNIT NAME:	3:16 TC CO CARGO TRANSFER	STATION:	FCSTORY	STATE:	VA																									
SHIPMENT																																		
JOB																																		
NUMBER	EQ/VLN	LN INDEX	LENGTH	WIDTH	HEIGHT	SOFT	CUBFEET	ITEM WT.	PLANNED	ACTUAL	T	S	M	WA	TP	C	H	P	M	C	Q	PK	WCC	C	C	S	GR	EAT	S	T	M	T	ON	
3072	00	W700	10	104.0	105.0	94.0	135	1051	42100	42100	42100	00	000	Z	0	1																		
EQUIPMENT DESC:		TRACTOR FTRAC LS 660		MODEL:		DT W/OPS		BUMPER NUMBER:		C 10		SERIAL NUMBER:		3332																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
3074	00	W700	10	104.0	105.0	94.0	135	1051	42100	42100	42100	VE	000	Z	0	1																		
EQUIPMENT DESC:		TRACTOR FTRAC LS 660		MODEL:		DT W/OPS		BUMPER NUMBER:		D 10		SERIAL NUMBER:		3334																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10001	00	011000	01	80.0	32.0	38.0	12	34	825	825	825	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-002A		BUMPER NUMBER:		A0-1		SERIAL NUMBER:		3335																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10002	00	011000	01	80.0	32.0	38.0	12	34	825	825	825	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-002A		BUMPER NUMBER:		B0-1		SERIAL NUMBER:		3336																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10003	00	011000	01	80.0	32.0	38.0	12	34	825	825	825	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-002A		BUMPER NUMBER:		C0-1		SERIAL NUMBER:		3337																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10004	00	011000	01	80.0	32.0	38.0	12	34	825	825	825	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-002A		BUMPER NUMBER:		D0-1		SERIAL NUMBER:		3338																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10005	00	074711	01	82.0	32.0	37.0	14	40	1250	1250	1250	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-003A		BUMPER NUMBER:		A0-2		SERIAL NUMBER:		3339																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10006	00	074711	01	82.0	32.0	37.0	14	40	1250	1250	1250	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-003A		BUMPER NUMBER:		B0-2		SERIAL NUMBER:		4144																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														
10007	00	074711	01	82.0	32.0	37.0	14	40	1250	1250	1250	PC	730	Z	0	1																		
EQUIPMENT DESC:		SEN SET 0 ES 040 MTD		MODEL:		HEP-003A		BUMPER NUMBER:		C0-2		SERIAL NUMBER:		4044																				
VEHICLE MATCH (SUN):				BUMPER NUMBER:																														

Date: 3/8/01

TC- ACCIS - Equipment List

PCN FICEURO1

Time: 12:42 PM

AUEL REPORT - UNIT EQUIPMENT LIST

Page: 9

UDC: WFSAAA	TYPE DATA: D	UNIT NAME: 3:16 TC CO CARGO TRANSFER	STATION: FORT STORY	STATE: VA									
SHIPMENT JMIT NUMBER	ECHUUN	UN-INDEX	DIMENSIONS LENGTH	IN WIDTH	INCHES HEIGHT	SOFT	CUBE FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP	PK	WCC
00073	00	W76816 18	184.0	105.0	94.0	135	1051	42169	42169	42169	VE	885	
EQUIPMENT DEC: TRACTOR/FTRAC LS DED VEHICLE MATCH (SUN:) MOOEL: D7F WROPS BUMPER NUMBER: C 10 BUMPER NUMBER:)													
00074	00	W76816 18	184.0	105.0	94.0	135	1051	42169	42169	42169	VE	885	
EQUIPMENT DEC: TRACTOR/FTRAC LS DED VEHICLE MATCH (SUN:) MOOEL: D7F WROPS BUMPER NUMBER: D 10 BUMPER NUMBER:)													
00001	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: AG 1 BUMPER NUMBER:)													
00002	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: BG 1 BUMPER NUMBER:)													
00003	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: CG 1 BUMPER NUMBER:)													
00004	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700	
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: DG 1 BUMPER NUMBER:)													
00005	00	G74711 01	62.0	32.0	37.0	14	43	1250	1250	1250	PC	700	
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: AG 2 BUMPER NUMBER:)													

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TR PK WCC	T S M WA C H P IV CGO C C E ER CAT	S-TON	M-TON
	42169	42169	42169	VE 885	Z 9 1 A2DC	21.1	26
	D7F W/ROPS	BUMPER NUMBER: C 10			SERIAL NUMBER:	3332	
IER:	}						
	42169	42169	42169	VE 885	Z 9 1 A2DC	21.1	26
	D7F W/ROPS	BUMPER NUMBER: D 10			SERIAL NUMBER:	3334	
IER:	}						
	825	825	825	PC 700	Z 9 1 J3BA	1	1
	MEP-802A	BUMPER NUMBER: AG 1			SERIAL NUMBER:	3335	
IER:	}						
	825	825	825	PC 700	Z 9 1 J3BA	1	1
	MEP-802A	BUMPER NUMBER: BG 1			SERIAL NUMBER:	3336	
IER:	}						
	825	825	825	PC 700	Z 9 1 J3BA	1	1
	MEP-802A	BUMPER NUMBER: CG 1			SERIAL NUMBER:	3337	
IER:	}						

	ITEM WT.	PLANNED	ACTUAL		T	S	M	WA				
FT	IN LBS.	LOADED	LOADED	TP	C	H	P	IV	CGO			
		WEIGHT	WEIGHT	PK	WCC	C	C	E	ER	CAT	S-TON	M-TON
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26
	D7F WIROPS	BUMPER NUMBER: C 10			SERIAL NUMBER:					3332		
IER:	}											
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26
	D7F WIROPS	BUMPER NUMBER: D 10			SERIAL NUMBER:					3334		
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: AG 1			SERIAL NUMBER:					3335		
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: BG 1			SERIAL NUMBER:					3336		
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: CG 1			SERIAL NUMBER:					3337		
IER:	}											

	ITEM WT.	PLANNED	ACTUAL	TP		C	H	P	M	WA	CGO		
FT	IN LBS.	LOADED	LOADED	PK	WCC	C	C	E	ER		CAT	S-TON	M-TON
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26	
	D7F WROPS	BUMPER NUMBER: C 10				SERIAL NUMBER:					3332		
IER:	}												
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26	
	D7F WROPS	BUMPER NUMBER: D 10				SERIAL NUMBER:					3334		
IER:	}												
	825	825	825	PC	700	Z	9	1		J3BA	1	1	
	MEP-802A	BUMPER NUMBER: AG 1				SERIAL NUMBER:					3335		
IER:	}												
	825	825	825	PC	700	Z	9	1		J3BA	1	1	
	MEP-802A	BUMPER NUMBER: BG 1				SERIAL NUMBER:					3336		
IER:	}												
	825	825	825	PC	700	Z	9	1		J3BA	1	1	
	MEP-802A	BUMPER NUMBER: CG 1				SERIAL NUMBER:					3337		
IER:	}												

[illegible]

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	WCC	T C	S H	M P	WA IV ER	CGO CAT	S-TON	M-TON
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26
	D7F W/ROPS	BUMPER NUMBER: C 10				SERIAL NUMBER:					3332	
IER:	}											
	42169	42169	42169	VE	885	Z	9	1		A2DC	21.1	26
	D7F W/ROPS	BUMPER NUMBER: D 10				SERIAL NUMBER:					3334	
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: AG 1				SERIAL NUMBER:					3335	
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: BG 1				SERIAL NUMBER:					3336	
IER:	}											
	825	825	825	PC	700	Z	9	1		J3BA	1	1
	MEP-802A	BUMPER NUMBER: CG 1				SERIAL NUMBER:					3337	
IER:	}											



AUEL and FR 55-2 (Cont)



- Table 5-6: Type Equipment Codes (TE)
 - Identifies the type of equipment being moved
 - Example: Code 4 identifies Vehicles, wheeled (self propelled) > 2-1/2 Ton
 - Example: D indicates Tank Combat
 - Example: P indicates Other Hazardous Items

Date: 3/8/01

TC- ACCIS - Equipment List

PCN FICEURO1

Time: 12:42 PM

AVEL REPORT - UNIT EQUIPMENT LIST

Page: 9

UIC: WFSAAA	TYPE DATA: D	UNIT NAME: 3:16 TC CO CARGO TRANSFER	STATION: FORT STORY	STATE: VA								
SHIPMENT UNIT NUMBER	ECHUUN	UN-INDEX	DIMENSIONS LENGTH	IN WIDTH	INCHES HEIGHT	SOFT	CUBE FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP	WCC
00073	00	W76816 18	184.0	105.0	94.0	135	1051	42169	42169	42169	VE	885
EQUIPMENT DEC: TRACTOR/FTRAC LS DED VEHICLE MATCH (SUN:) MOOEL: D7F WROPS BUMPER NUMBER: C 10 BUMPER NUMBER:)												
00074	00	W76816 18	184.0	105.0	94.0	135	1051	42169	42169	42169	VE	885
EQUIPMENT DEC: TRACTOR/FTRAC LS DED VEHICLE MATCH (SUN:) MOOEL: D7F WROPS BUMPER NUMBER: D 10 BUMPER NUMBER:)												
00001	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-802A BUMPER NUMBER: AG 1 BUMPER NUMBER:)												
00002	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-802A BUMPER NUMBER: BG 1 BUMPER NUMBER:)												
00003	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-802A BUMPER NUMBER: CG 1 BUMPER NUMBER:)												
00004	00	G11966 01	50.0	32.0	36.0	12	34	825	825	825	PC	700
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-802A BUMPER NUMBER: DG 1 BUMPER NUMBER:)												
00005	00	G74711 01	62.0	32.0	37.0	14	43	1250	1250	1250	PC	700
EQUIPMENT DEC: GEN SET DED SKID MTD VEHICLE MATCH (SUN:) MOOEL: MEP-803A BUMPER NUMBER: AG 2 BUMPER NUMBER:)												

ITEM WT.	PLANNED	ACTUAL	TR	T	S	M	WA	CGO	S-TON	M-TON
IN LBS.	LOADED	LOADED	PK	WCC	C	C	E	ER	CAT	
42169	42169	42169	VE		Z	9	1	A2DC	21.1	26
D7F WROPS	BUMPER NUMBER: C 10							SERIAL NUMBER:	3332	
42169	42169	42169	VE		Z	9	1	A2DC	21.1	26
D7F WROPS	BUMPER NUMBER: D 10							SERIAL NUMBER:	3334	
825	825	825	PC	700	Z	9	1	J3BA	1	1
MEP-802A	BUMPER NUMBER: AG 1							SERIAL NUMBER:	3335	
825	825	825	PC	700	Z	9	1	J3BA	1	1
MEP-802A	BUMPER NUMBER: BG 1							SERIAL NUMBER:	3336	
825	825	825	PC	700	Z	9	1	J3BA	1	1
MEP-802A	BUMPER NUMBER: CG 1							SERIAL NUMBER:	3337	

FT	ITEM WT. IN LBS.	PLANNED LOADED WEIGHT	ACTUAL LOADED WEIGHT	TP PK	WCC	T C	S H	M P	WA IV	CGO CAT	S-TON	M-TON
	42169	42169	42169		985	Z	9	1		A2DC	21.1	26
IER:	D7F W/ROPS	BUMPER NUMBER: C 10				SERIAL NUMBER:					3332	
	42169	42169	42169		985	Z	9	1		A2DC	21.1	26
IER:	D7F W/ROPS	BUMPER NUMBER: D 10				SERIAL NUMBER:					3334	
	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:	MEP-802A	BUMPER NUMBER: AG 1				SERIAL NUMBER:					3335	
	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:	MEP-802A	BUMPER NUMBER: BG 1				SERIAL NUMBER:					3336	
	825	825	825	PC	700	Z	9	1		J3BA	1	1
IER:	MEP-802A	BUMPER NUMBER: CG 1				SERIAL NUMBER:					3337	



TB 55-46-1 Standard Characteristics for Transportability of Military Vehicles and Other Outsized/Overweight Equipment



TB 55-46-1 Familiarization



- Provides dimensions, weight & cube for:
 - Military vehicles
 - Vehicle-mounted equipment
 - Outsize/overweight equipment
- Organizations use data as standard reference in developing/reporting movement requirements
- Information for planning purposes only, units must report actual dimensions & weight



TB 55-46-1 Familiarization (Cont)



- TB 55-46-1 lists outsized / overweight equipment having dimensions or weight equal to or exceeding:
 - + 104 inches long + 84 inches wide
 - + 50 inches high + 5000 pounds or more
- Data for other equipment is listed in TB 55-46-2 which is issued on microfiche by MTMCTEA
- TB 55-46-1 contains 3 Chapters, 4 Appendixes



TB 55-46-1 Familiarization (Cont)



- TB 55-46-1 lists outsized / overweight equipment having dimensions or weight equal to or exceeding:
 - + 104 inches long + 84 inches wide
 - + 50 inches high + 5000 pounds or more
- Data for other equipment is listed in TB 55-46-2 which is issued on microfiche by MTMCTEA
- TB 55-46-1 contains 3 Chapters, 4 Appendixes



TB 55-46-1 Familiarization (Cont)



- Several ways to enter and retrieve data
 - Table of Contents
 - If TOE LIN is known, go to Chapter 3
 - Use cross reference in Appendix A & B
 - + Appendix A crosses NSN to TOE LIN
 - + Appendix B crosses model description to TOE LIN



TB 55-46-1 Chapter 1



- Chapter one contains:
 - What is covered by TB
 - Important definitions
 - Data specifications
 - UMD Reporting procedures using TB



Definitions



- TOE:
 - Army Table of Organization & Equipment
- LIN:
 - Army: Line Item Number is six character alpha-numeric identifier used to describe NSN items



Definitions (Cont)



- NSN: A 13-digit number assigned by the Defense Logistics Service Center

FSC	NIIN
XXXX	000000000

- The FSC is Federal Supply Classification code
- The NIIN fixes the identity of the particular supply item



Definitions (Cont)



- Set: A group of major end-items consisting of more than one vehicle
 - Sets are assigned specific nomenclature & identified by LIN & NSN. Referred to as “preferred” primary LIN for set
 - Each major item in set is secondary & has own LIN (Secondary LIN and NSN)



SET



TOE LIN (INDEX) NO	NATL STOCK NO. (SET) (TOE LIN)	C O M P	V E H I C L E	T Y P E E Q U I P	LIN DESCRIPTION (MODEL) COMPO DESCRIPTION
R92962	(SET)				RADIO TERMINAL SET
PV 07	5810010993578				AN/TRC15BV2
R92962	(SET)				RADIO TERMINAL SET
01	5820004515590			U	AN/TRC15BV2
V 02	5820004515590	A		U	ANTENNAS .
V 03	5820004515590	A		U	CABLE & REEL .



Definitions (Cont)



- **Vehicle:** Term including trucks, trailers, semi-trailers, amphibious & tracked vehicles, tanks, artillery (self-propelled & towed), floating craft (self-propelled & towed), rail cars, locomotives, aircraft (including helicopters) & wheel or track-mounted equipment



Chapter 2-3 Data Specifications



- Dimensions:
 - Length: Horizontal dimension measured from end to end. Rounded up to next inch
 - Width: Horizontal dimension measured from side to side. Rounded up to next inch
 - Height: Vertical dimension measured from ground level to highest reference point
 - Weight: Amount item weighs in pounds



Chapter 2 Tables 2-1 to 2-5



- Tables 2-1 to 2-5 contain information on transportability of equipment by aircraft
 - Tables 2-1 & 2-2 contain information on cargo dimensions of various aircraft
 - Table 2-3 contains information on 463L pallets for CRAF aircraft
 - Table 2-4 & 2-5 contain the Cargo Category Codes and Heavy Lift dimensional codes



Chapter 2 Tables 2-6 – 2-14



- Tables 2-6 to 2-14 :
 - Contain dimensions & cargo-loading capacity of military & commercial general-purpose cargo trucks, dump trucks, trailers, semi-trailers, amphibious vehicles, landing craft & Army aircraft including:
 - + Cargo deck dimensions
 - + Loading height of cargo bodies



Chapter 2 Tables 2-15 to 2-24



- Contains wheel base information
 - Primarily used by upper level planners
 - Seldom used at unit level



Chapter 3- Equipment Characteristics Data



- Contains Equipment Characteristics Data
 - Starts with detailed explanation of column headings
 - 11 columns of data
- **Column One:** TOE LIN --Table of Organization & Equipment Line Item Number
- Constitutes basic COMPASS UMD data element



Chapter 3 Column 1



- Column 1:

- TOE LIN number (Army)
- TOE LIN Navy
- TOE LIN Air Force
- TOE LIN Specific (AALPS)
- TOE LIN Fictitious

TOE LIN (INDEX) NO
T61494
CB0360
AF2955
YU286
YA0189



Chapter 3 Column 1 (Cont)



- Column 1 (Cont):
 - TOE LIN number
 - "PV" - Preferred Model & Validated Data Codes
 - "V" - Validated Data

TOE LIN (INDEX) NO	
T61494	
PV	01
V	02
V	03
PV	04



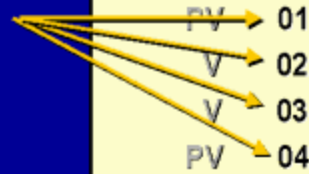
Chapter 3 Column 1 (Cont)



- Column 1 (Cont):

- Index No: Identifies NSN &/or shipping configuration

TOE LIN (INDEX) NO	
T61494	
PV	01
V	02
V	03
PV	04





Chapter 3 Column 2



- Column 2:
- NSN. Identifies a specific model of equipment within a LIN

NATL STOCK NO. (SET) (TOE LIN)	C O M P
2320011077155	



Chapter 3 Column 2 (Cont)



- Column 2 (Cont):
- (SET) Identifies specific model in set or group
- Use TOE LIN associated with (SET) for reporting

See R92962 on pg 3-256

NATL STOCK NO. (SET) (TOE LIN)	C O M P
(SET) 5810010993578	



Chapter 3 Column 3



- Column 3: Component.
Alphabetic suffix code added
to NSN to identify a
disassembled component

DONT USE THIS TOE LIN FOR
REPORTING PURPOSES

See R92962 on pg 3-256

NATL STOCK NO. (SET) (TOE LIN)	C O M P
5820004515590	A



Chapter 3 Column 4



- Column 4: Vehicle. Alphabetic code "N" or "R" indicates whether vehicle is roadable or non-roadable

V E H I C L E	T Y P E
R	3

See T61494 pg 3-326



Chapter 3 Column 5



- Column 5: Type Equipment. Numeric code (see page 3-1) applied to each vehicle or equipment data listing to enable automated identification & retrieval of selected data categories (Example: 1 = 1/2 ton or less wheeled, self-propelled vehicle)

V E H I C L E	T Y P E E Q U I P M E N T
1	3

See T61494 pg 3-326



Chapter 3 Column 6



- Column 6:
 - LIN Description:
Generic nomenclature
assigned a LIN
 - Model: Description
for an NSN

< - - LIN DESCRIPTION - - >
< - - MODEL - - >
(- COMPO DESCRIPTION -)

TRK UTIL CRG/TRP CARR
M988
M988T
M988T
M988T

See T61494 pg 3-326



Chapter 3 Column 7



- Column 7: Shipping Configuration:
 - "B": Operational
 - See para 3-1, subpara i, for complete list of codes. Example: "B" applies to vehicles in mission configuration with all component equipment assemblies in place.

S
H
I
P

C
O
N
F

B



Chapter 3 Column 8



- Column 8: Number of Pieces. Data indicates the no. of identical items applied to a disassembled component description & the related dimensions & weight
 - total quantity of a disassembled component = number of pieces multiplied by the quantity of the major end-items

NO.
PCS





Chapter 3

Column 9



- Column 9:
Dimensions,
Weight & Cube
for one item as
described by
Model or
Component &
Shipping
Configuration

<----- FOR ONE ITEM ----->
DIMENSIONS WEIGHT CUBE
<-- INCHES --> (LB) (CU FT)
LENGTH WIDTH HEIGHT
<----- REMARKS ----->

187	986	74	5280	769
-----	-----	----	------	-----



Chapter 3 Column 9 (Cont)



- Column 9:
Dimensions,
Weight & Cube
for one item as
described by
Model or
Component &
Shipping
Configuration

<----- FOR ONE ITEM ----->				
DIMENSIONS			WEIGHT	CUBE
<-- INCHES -->			(LB)	(CU FT)
LENGTH	WIDTH	HEIGHT		
<----- REMARKS ----->				
187	986	74	5280	769
↑	↑	↑	↑	↑



Chapter 3 Column 10



- Column 10: Cargo Vehicle Load Limits - Weight, Height & Cube

- Weight → 2500

- Height → 260

- Cube → 94

CGO VEH LD LIMITS WEIGHT		
HGT TOE (INDEX NO)		CUBE LIN
	2500	
	260	94



Chapter 3 Column 11



- Column 11(Cont):
Cargo Load Indicator.

- AMC (left to right):
C-130, C-141,
C-17, C-5,
KC-10, & KC-135

Indicator:

C or X or none

See T61494 pg 3-326

```
< C=AF CERTIFIED >  
< X= JCS CRITERIA>  
< ----- CGO LOAD IND ----- >  
< AMC > < CRAF >  
CCCKK DDBB CTN CTN 4 CCCH  
1115CC CC77 20 40 6  
347 11 8144 FT FT 3  
01 03 077 L  
5 SN  
  
CCCC_ CCC N N N R2DA
```



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.

- CRAF (left to right):

DC-8, DC-10,
B-747S & B-747N

Indicator:
C or X or none

```
< C=AF CERTIFIED >
< X= JCS CRITERIA>
<-----CGO LOAD IND----->
<AMC > <CRAF>
CCCKK  DDBB  CTN CTN 4  CCCH
1115CC  CC77   20  40  6
347  11  8144  FT  FT  3
01   03   077           L
      5   SN
-----
CCCKK  _CCC  N   N  N R2DA
```



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.
 - CTN:
20-ft (containers)

Indicator:

Y = Fits

N = Not Fit

```
< C=AF CERTIFIED >
< X= JCS CRITERIA>
<----- CGO LOAD IND ----->
<AMC > <CRAF>
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCCC CC N N N R2DA
```



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.

- CTN:
40-ft (containers)

Indicator:

Y = Fits

N = Not Fit

< C=AF CERTIFIED >
< X= JCS CRITERIA >
< ----- CGO LOAD IND ----- >
< AMC > < CRAF >
CCCCC DDDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCCC CC N N N R2DA



Chapter 3 Column 11 (Cont)



- Column 11(Cont):
Cargo Load Indicator.
 - 463L (pallet)

See T61494 pg 3-326

Indicator:

Y = Fits

N = Not Fit

```
< C=AF CERTIFIED >
< X= JCS CRITERIA>
<----- CGO LOAD IND ----->
<AMC > <CRAF>
000000 DDBB CTN CTN 4 CCCH
1115CC CC77 20 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCCC CC N N R2DA
```



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category Codes

< C=AF CERTIFIED >
< X=JCS CRITERIA>
< ----- CGO LOAD IND ----- >
<AMC > <CRAF>
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 22 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCC CCC N N N R2DA



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.

- Cargo Category
Codes

C(1): Type
Equipment

< C=AF CERTIFIED >
< X=JCS CRITERIA>
< ----- CGO LOAD IND ----- >
< AMC > < CRAF >
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077
5 SN
CCC CCC N N N R2DA



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.

- Cargo Category
Codes

C(2): Indicates
air transportable

< C=AF CERTIFIED >
< X=JCS CRITERIA>
< ----- CGO LOAD IND ----- >
< AMC > < CRAF >
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCC CCC N N N R2DA



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category Codes

C(3): Can / Can not
be containerized

< C=AF CERTIFIED >
< X=JCS CRITERIA >
< ----- CGO LOAD IND ----- >
< AMC > < CRAF >
CCCKK DDBB CTN CTN 4 CCCH
1115CC CC77 20 40 6
347 11 8144 FT FT 3
01 03 077 L
5 SN
CCC CCC N N N R2DA



Chapter 3 Column 11 (Cont)



See T61494 pg 3-326

- Column 11(Cont):
Cargo Load Indicator.
 - Cargo Category Codes

H: Heavy lift &
dimension < 35'

< C=AF CERTIFIED >									
< X=JCS CRITERIA>									
< ----- CGO LOAD IND ----- >									
<AMC > <CRAF>									
CCCKK	DDBB	CTN	CTN	4	CCCH				
1115CC	CC77	20	40	6					
347	11	8144	FT	FT	3				
01	03	077			L				
	5	SN							
<hr/>									
CCC	CCC	N	N	N	R2DA				



Chapter 3 Column 11 (Cont)



- What did our code of "R2DA" mean?
 - First:
 - Second:
 - Third:
 - Finally:



Chapter 3 Column 11 (Cont)



- What did our CCCH code of "R2DA" mean?
 - First: wheeled vehicle, roadable
 - Second: oversized exceeding 463L pallet size
 - Third: cannot be containerized / too wide
 - Fourth: under 5 tons - smaller than 35' in any direction



Chapter 3 Column 11 (Cont)



- What did our CCCH code of "R2DA" mean?
 - First: wheeled vehicle, roadable
 - Second: oversized exceeding 463L pallet size
 - Third: cannot be containerized / too wide
 - Fourth: under 5 tons - smaller than 35' in any direction



Appendix A—Cross Reference



- Appendix A:
 - Cross from NSN to TOE LIN
- First column is NSN - listed in ascending sequence
- Second Column is TOE LIN

NSN	TOE LIN
2320010907797	CB0730
2320010907828	X61655
2320010907831	X42064



Appendix A—Cross Reference (Cont)



- Two listings for NSN 232001107715
- First is CB0360
 - What does TOE LIN tell you?
- Next TOE LIN is our vehicle

NSN	TOE LIN
2320010907797	CB0730
2320010907828	X61655
2320010907831	X42064
2320011016752	CB0644
2320011077153	T05096
2320011077155	CB0360
2320011077155	T61494
2320011077156	T61562



Appendix B—Cross Reference



- Appendix B:
- Cross from equipment model number to the TOE LIN
- Contains more information than Appendix A
 - Provides item description, the shipping configuration, the cargo group code, the length, width and the empty and loaded height and weights.



Appendix B– Cross Reference (Cont)



MODEL	DESCRIPTION	LIN - INDEX
M983 WWN	TRUCK TRACTOR TACT8X8	T88677 02
M983 WWN	TRUCK TRACTOR TACT8X8	T88677 16
M983/M901	TRK TRAC/LCHR STA GM	YA0228 01
M997A1	TRK AMB 4 LITTER 4X4	T38844 14
M998	TRK UTIL CRG/TRP CARR	T61494 01
M998	TRK UTIL CRG/TRP CARR	T61494 04
M998	TRK UTIL CRG/TRP CARR	T61494 15



UMD Reporting Procedures



- TB 55-46-1, equipment characteristics data listings are designed to facilitate preparation of UMD reports
- Data reflects specified shipping configurations
 - Use only for planning purposes
- FORSCOM/ARNG Reg 55-2 requires use of TC-ACCIS for reporting UMD to FORSCOM



UMD Reporting Procedures (Cont)



- Use of LIN & INDEX NO: When combined & properly reported, the computer generates data listed to the right of the INDEX NO. (in TC-ACCIS) for printing on the AUEL / DEL listing
- Errors in reporting either data element will result in computer application of erroneous (BAD) data



TB 55-46-1 Review Q1



Find the cargo deck length and width for a M923 cargo truck?

168.0 inches X 88.0 inches.



TB 55-46-1 Review Q2



Can a M105 trailer (Index 18) be containerized and why?

No. It is too high for the container in this configuration.



TB 55-46-1 Review Q3



Can NSN 2320010284395 be airlifted and if so, in what aircraft?

Crosses to M915, Truck Tractor 6X4. Yes, C17 and C5